QPF Process IWG Conf Call Notes/Actions
June 1, 2000

1) Transmission of QPE and QPF binary files via AWIPS WAN

- distributeProduct installed at all CONUS RFCs
- receipt at IBM SP/decoding
    - -- RFCs routinely providing QPF (ABRFC, NCRFC, NERFC, MBRFC, WGRFC, SERFC, and LMRFC)
    - -- RFCs routinely providing QPE (ABRFC, NCRFC, NERFC, MBRFC, SERFC, and LMRFC)
    - -- need to ensure delivery of QPE and QPF from each RFC during their respective OT&E phase
    - – NCEP EMC data cut-off times (need to ensure these times are coordinated with each RFC)

        1-h Stage III or equivalent

Run Cycle	RFC Transmission Time
00Z	2310Z
06Z	0600Z
12Z	1030Z
18Z	1830Z

        6-H aggregate QPE for NPVU

        Data Cut-off Times [send prelim 12Z-12Z QPEs by 1500Z and finals by 2100Z)

        6-H QPFs for HPC/NPVU (mosaic)

        Data Cut-off Times for 12Z and 00Z cycles respectively: 1330Z and 0130Z

- Inconsistencies in GRIB parameter definitions and HRAP grid definition between HRL/RFCs and NCEP has been resolved [and Tim Sweeney provided updated GRIBIT code to ABRFC for testing on 5/26]
- Bill Lawrence will provide updated version of GRIBIT to other RFCs
- WR issues (need to ensure delivery of 1-h Auto Stage III, 6-h MM grids in GRIB, and 6-h MM QPF grids in GRIB -- Norm Hoffmann will discuss with Dave Brandon/Craig Peterson configuring MM for the NWRFC)

2) NMAP

- sites installed (7 of 9: ABRFC, NCRFC, NERFC, MBRFC, WGRFC, SERFC, and LMRFC)
- reliability & maintenance
- post-processing scripts/generation of bit-maps
- functionality (discussed "mountain vs mesa" issue – RFCs expressed concern about max "mountain" values – Brett will coordinate with HPC/DTB on updating training manual to handle this issue and discuss with NMAP developers)
- Bill Lawrence will make functionality to 1) display county boundaries on NMAP-based gifs, and 2) generation of QPS product optional for RFCs (if RFCs opt not to utilize Bill's QPS script they will need to develop an alternative means to generate the QPS product – NERFC [Robb and Althea] have developed their own QPS script and will coordinate with the SERFC [Judy Bradberry])

3) Display of QPF in D2D

- APO developed patch and script to install
    - – will place tar file with display patch on NOAA1 server

– instructions will be generically as follows:

1. Ftp to NOAA1 server
2. Get tar file
3. Untar file locally
4. Run install script

– script will be provided by Mike Moss (APO - SST) and tested at ERH (Laurie Hogan) and MBRFC (John LaGue)

-- when testing is complete Mike Moss will notify Tom Graziano and Regional AWIPS focal points

- patch will enable RFC gridded QPF products to be accessible via surface menu [display in D2D as grid or image (WFO 120 x 120 grid points; RFC 200 x 200 grid points)]

4) Coordination/QPF Updates/HPC Forecaster Confidence

- coordination strategies/successes/issues

– WFOs will coordinate significant inconsistencies between zones and HPC QPFs with RFC HAS function (if off hours for RFC WFO should coordinate with HPC). When necessary, HAS will initiate coordination call with WFOs and HPC.

- Display of RFC QPF on RFC web sites

-- HAS QPF product labeling ["QPF used in NWS river forecasts"]

– RFC QPF URLs should not be unadvervtised

– eliminate statements such as "for internal use only"

– have both text and graphical products (and NMAP graphics by start of each RFCs respective phase of the OT&E)

- Display of HPC Redbook graphic in D2D (in Build 4.3.1)
- HPC capability to update QPFs (potential problems with FSL upgrade in 4.3.1 -- file names showing that updates are segments at HPC but no problem on NWSH system)(D. Reynolds will coordinate with L. Hogan and T. Graziano will coordinate with D. Helms)
- HPC qualification of forecaster confidence (began with 1015Z package today)
- HPC ADMINISTR message capability/HPC site ID is WNOW(further testing required)

5) Evaluation of new process

- RFC web log/memo sent to regional representatives, forwarded to HICs
- evaluation of process success/key decision point (Thu July 27 or sooner)
- future calls (same phone number and pass code for all Thu 10 AM ET calls)
- Michael Mercer and Dave Reynolds will lead calls on June 15 and 22 and July 6